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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/986,221	10/22/2001	Chiang Alexander	10018845-1	4982

7590 08/23/2004
HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, CO 80527-2400

EXAMINER

BURGE, LONDRA C

ART UNIT PAPER NUMBER

2178

DATE MAILED: 08/23/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/986,221

Applicant(s)

ALEXANDER ET AL.

Examiner

Londra C Burge

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 October 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. This action is responsive to communications: Original application filed 10/22/2001.
2. Claims 1-20 are pending. Claims 1, 9, and 16 are independent claims

Claim Rejections - 35 USC § 102

3. **The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:**

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. **Claims 1-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Sotomayor U.S. Patent No. 5,708,825 filed 5/26/1995.**

In regard to independent claim 1, Sotomayor discloses *generating a global index file comprising said subjects and a corresponding address of the text associated therewith* (Sotomayor Col 34 Lines 58-67 and Col 35 Lines 1-11 and Col 8 Lines 22-23); *generating a data structure indicative of a correspondence between said indices and associated said subjects* (Sotomayor Abstract Lines 22-25); *generating a subject name file comprising HTML-encoded target text associated therewith, for each of the subjects* (Sotomayor Col 39 Lines 13-17); *generating, for each of the indices, a first set of hyperlinks wherein each of the hyperlinks therein links one of the indices to the target text corresponding to one of the subjects in one of the indices* (Sotomayor Col 38 Lines 61-67 and Col 39 Lines 1-4); *and generating a second set of*

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hyperlinks wherein each of the hyperlinks therein links one of the subjects to the text corresponding thereto in the subject name file. (Sotomayor Col 38 Lines 25-45)

In regard to dependent claim 2, Sotomayor discloses *displaying, in a first window, in accordance with said data structure, a list of the indices (Sotomayor Col Abstract Lines 22-25 and Col 38 Lines 42-46); displaying, in a second window, a set of sub-indices comprising a list of subjects corresponding to a selected one of the indices in the first window, using a corresponding one of the first set of hyperlinks (Sotomayor Col 38 Lines 47-52); and displaying, in a third window, said target text in the subject name file corresponding to a selected one of the subjects in the second window, using a corresponding one of the second set of hyperlinks. (Sotomayor Col 38 Lines 53-56)*

In regard to dependent claim 3, Sotomayor discloses *including the step of initially loading said target text from a first text file into a second text file, wherein a beginning delimiter indicating a subject name, and a text delimiter indicating the text associated with the subject name, for each subject therein, are inserted into the second text file. (Sotomayor Col 37 Lines 24-35 and Col 36 Lines 62-67 and Col 37 Lines 1-24)*

In regard to dependent claim 4, Sotomayor discloses *parsing the second text file to detect said beginning delimiter; generating the subject name file for the associated subject name following the beginning delimiter; parsing the second text file to detect said text delimiter and copying the text associated with the subject name in the second text file to the subject name file. (Sotomayor Col 15 Lines 4-30 and 11 Lines 45-59)*

In regard to dependent claim 5, Sotomayor discloses *defining a plurality of indices (Sotomayor Col 11 Lines 19-30); creating a category file comprising a plurality of said indices*

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and a group of related subjects corresponding to each of the indices; and creating said data structure by associating each said subject with a corresponding one of said indices in accordance with the category file. (Sotomayor Col 17 Lines 5-18)

In regard to dependent claim 6, Sotomayor discloses *wherein a hyperlink is created that links one of the indices directly with said text associated therewith. (Sotomayor Col 36 Lines 52-56)*

In regard to dependent claim 7, Sotomayor discloses *including the step of copying the first set of hyperlinks, the second set of hyperlinks, and the HTML-encoded target text to a web site. (Sotomayor Col 36 Lines 35-61 and Col 11 Lines 60-67 and Col 12 Lines 1-10)*

In regard to dependent claim 8, Sotomayor discloses *including the step of updating, on the web site, the hyperlinks necessary to link a web page on the web site to a new version of the document containing the HTML-encoded target text. (Sotomayor Col 4 Lines 22-48 and Col 5 Lines 53-62)*

In regard to dependent claim 9, Sotomayor discloses *creating a category file indicating an association between each of the indices and corresponding subject names; generating a data structure associating said indices and said corresponding subject names in accordance with said category file (Sotomayor Col 17 Lines 5-18); generating a plurality of subject name files, each including text corresponding to a subject associated therewith; generating a global index file comprising said hyperlinks to each of said subject name files (Sotomayor Col 15 Lines 4-30 and 11 Lines 45-59); generating a plurality of index files, each including hyperlinks between each of the indices and corresponding said subject name files in accordance with said data structure (Sotomayor Col 11 Lines 19-30 and Col 17 Lines 5-18); displaying, in a first window,*

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in accordance with said index files, a list of category names corresponding to said indices (Sotomayor Col Abstract Lines 22-25 and Col 38 Lines 42-46); displaying, in a second window, a set of sub-indices comprising a list of subject names corresponding to a selected instance of said category names, in accordance with said index files, in response to a user selecting one of said category names (Sotomayor Col 38 Lines 47-52 and Col 17 Lines 5-18); and displaying, in a third window, said text in said subject name file corresponding to a selected one of said subject names, using said hyperlinks in said global index file, in response to a user selecting one of said subject names in the second window. (Sotomayor Col 38 Lines 53-56)

In regard to dependent claim 10, Sotomayor discloses *including the additional step of encoding the text for each of the subject name files in HTML format. (Sotomayor Col 36 Lines 35-61 and Col 11 Lines 60-67 and Col 12 Lines 1-10)*

In regard to dependent claim 11, Sotomayor discloses *initially loading said text from a first text file into a second text file (Sotomayor Col 38 Lines 35-38); and inserting a beginning delimiter indicating a subject name, and a text delimiter indicating the text associated with the subject name, for each subject therein, are inserted into the second text file; wherein the additional steps are performed prior to copying the text to the web site. (Sotomayor Col 15 Lines 4-30 and 11 Lines 45-59)*

In regard to dependent claim 12, claim 12 reflects similar subject matter claimed in claim 4 and is rejected along the same rationale.

In regard to dependent claims 13 and 17, claims 13 and 17 reflect similar subject matter claimed in claim 5 and is rejected along the same rationale.

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In regard to dependent claim 14, Sotomayor discloses *copying the first set of hyperlinks, the second set of hyperlinks, and the HTML-encoded target text to the web site* (Sotomayor Col 36 Lines 35-61 and Col 11 Lines 60-67 and Col 12 Lines 1-10); *and updating, on the web site, the hyperlinks necessary to link a web page on the web site to a new version of the document containing the HTML-encoded target text.* (Sotomayor Col 4 Lines 22-48 and Col 5 Lines 53-62)

In regard to dependent claim 15, claim 15 reflects similar subject matter claimed in claim 6 and is rejected along the same rationale.

In regard to dependent claim 16, Sotomayor discloses *generating a global index file comprising said commands and a corresponding address of the text associated therewith* (Sotomayor Col 34 Lines 58-67 and Col 35 Lines 1-11 and Col 8 Lines 22-23 and Col 40 Lines 8-10); *generating a data structure indicative of a correspondence between said categories and associated said commands* (Sotomayor Abstract Lines 22-25 and Col 40 Lines 8-10); *generating a command name file comprising HTML-encoded text associated therewith, for each of the commands* (Sotomayor Col 39 Lines 13-17 and Col 40 Lines 8-10); *generating, for each of the categories, a first set of hyperlinks wherein each of the hyperlinks therein links one of the categories to the target text corresponding to one of the commands in one of the categories* (Sotomayor Col 38 Lines 61-67 and Col 39 Lines 1-4 and Col 40 Lines 8-10); *and generating a second set of hyperlinks wherein each of the hyperlinks therein links one of the commands to the text corresponding thereto in the command name file.* (Sotomayor Col 38 Lines 25-45 and Col 40 Lines 8-10)

In regard to dependent claim 18, Sotomayor discloses *displaying, in a first window, in accordance with said data structure, a list of the categories* (Sotomayor Col Abstract Lines 22-25 and Col 38 Lines 42-46 and Col 40 Lines 8-10); *displaying, in a second window, a list of commands corresponding to a selected one of said categories in the first window, using a corresponding one of the first set of hyperlinks* (Sotomayor Col 38 Lines 47-52 and Col 40 Lines 8-10); *and displaying, in a third window, the text in the command name file corresponding to a selected one of the subjects in the second window, using a corresponding one of the second set of hyperlinks.* (Sotomayor Col 38 Lines 53-56 and Col 40 Lines 8-10)

In regard to dependent claim 19, Sotomayor discloses *initially loading said target text from a first text file into a second text file* (Sotomayor Col 38 Lines 35-38), *wherein a beginning delimiter indicating a subject name, and a text delimiter indicating the text associated with the subject name, for each subject therein, are inserted into the second text file* (Sotomayor Col 15 Lines 4-30 and 11 Lines 45-59); *parsing the second text file to detect said beginning delimiter; generating the subject name file for the associated subject name following the beginning delimiter; parsing the second text file to detect said text delimiter; and copying the text associated with the subject name in the second text file to the subject name file.* (Sotomayor Col 15 Lines 4-30 and 11 Lines 45-59)

In regard to dependent claim 20, claim 20 reflects similar subject matter claimed in claim 14 and is rejected along the same rationale.

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Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Yeomans	U.S. Patent No. 6,182,065 B1	issued	1/30/2001
Perkins	U.S. Patent No. 6,253,198 B1	issued	6/26/2001
Malcolm	U.S. Patent No. 6,256,631 B1	issued	7/3/2001

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Londra C Burge whose telephone number is (571) 272-4122 or (703) 305-8784. The examiner can normally be reached on 8:30am to 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on (571) 272-4124. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to:

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Or faxed to:

(703) 746-7239 (for formal communications intended for entry)

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Or:

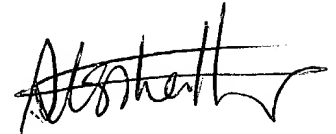
(703) 746-7240 (for informal or draft communications, please label
"PROPOSED" or "DRAFT")

Or:

(703) 746-7238 (for after-final communications)

**Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive,
Arlington, VA, Fourth Floor (Receptionist).**

Londra C Burge
8/13/04



STEPHEN S. HONG
PRIMARY EXAMINER